

**Abstract**

A photovoltaic element, in particular, for application as solar cell for photovoltaic units, comprises a photon absorber. An electrically conductive working element is at least partly embedded in the photon absorber. The working element is separated from the photon absorber by means of a phase boundary. The working element further comprises a higher electron mobility than the photon absorber. It was surprisingly discovered that the efficacy of said photovoltaic element is greatly increased.

**Appendix**